

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number  
**WO 2005/044336 A1**

(51) International Patent Classification<sup>7</sup>: **A61M 1/00**

(21) International Application Number:

PCT/GB2004/004606

(22) International Filing Date:

1 November 2004 (01.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0325535.3 31 October 2003 (31.10.2003) GB

(71) Applicant and

(72) Inventor: **GORDON, Angus, Buchan [GB/GB]**; 67 Harley Street, London W1G 8QZ (GB).

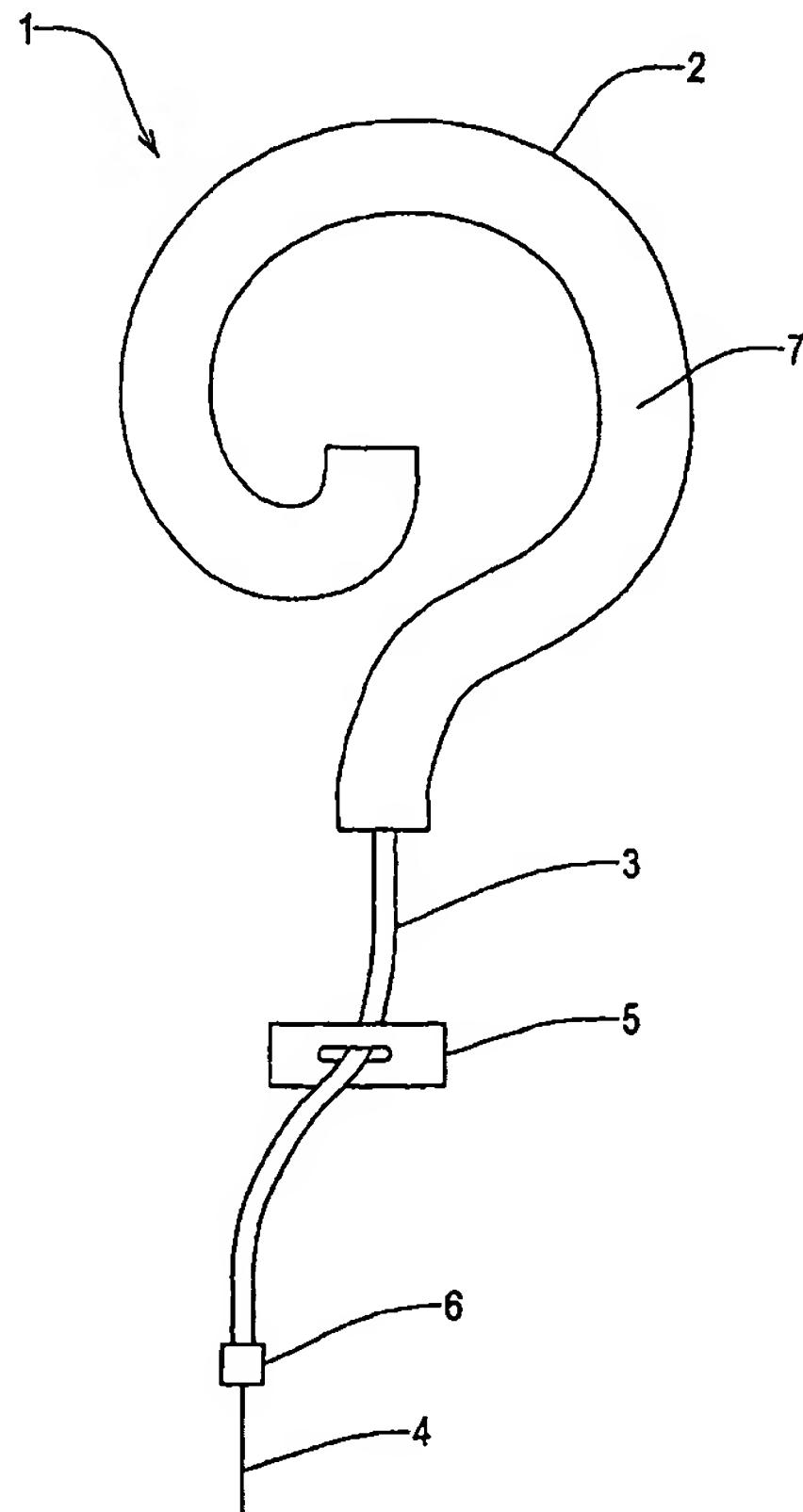
(74) Agent: **FORRESTER KETLEY & Co**; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: CLOSED STERILE DRAINAGE DEVICE



(57) Abstract: The present invention relates to a closed drainage device (1) comprising: a pre-evacuated chamber (2); a drainage tube (3) connecting the pre-evacuated chamber (2) to a needle (4); and a clamp (5) attached to the connecting tube (3), wherein the clamp (5) is in a first position that maintains the vacuum of the pre-evacuated chamber and has a second position that does not maintain the vacuum of the pre-evacuated chamber.

WO 2005/044336 A1



**Published:**

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*